

## GABA-A receptor $\beta 3$

Cat.No. 224 403; Polyclonal rabbit antibody, 50  $\mu$ g specific antibody (lyophilized)

### Data Sheet

Reconstitution/ Storage	50 $\mu$ g specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 $\mu$ l H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 (AP staining) (see remarks) <b>IP:</b> yes <b>ICC:</b> 1 : 500 <b>IHC:</b> 1 : 500 (see remarks) <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Recombinant protein corresponding to AA 344 to 429 from mouse GABA-A receptor $\beta 3$ (UniProt Id: P63080)
Reactivity	Reacts with: rat (P63079), mouse (P63080). Other species not tested yet.
Specificity	Specific for GABA-A receptor $\beta 3$ .
Remarks	<b>WB:</b> This protein aggregates after boiling, making it necessary to run SDS-PAGE with non-boiled samples.  <b>IHC:</b> This antibody requires antigen retrieval with pepsin according to: Lorincz A & Nusser Z (2008). recommended protocol

**TO BE USED IN VITRO / FOR RESEARCH ONLY  
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

**Gamma-aminobutyric acid type A (GABA-A)** receptors mediate the majority of inhibitory neurotransmission in the brain. These receptor proteins are ligand gated chloride ion channels and consist of a pentameric combination of different subunits (alpha, **beta**, gamma, delta, epsilon and rho). The resulting heterogenous population of GABA-A receptor subtypes are expressed throughout the brain with specific cellular and subcellular expression patterns.

### Selected General References

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